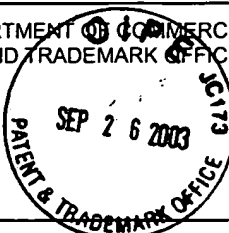


SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
IBM/33BSERIAL NO.
09/004,034INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT
Brian John Cragun et al.FILING DATE
January 7, 1998GROUP
3621

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A.A	4 8 3 3 3 0 8	5/23/1989	Humble	235	383	7/24/1986
	A.B	5 2 9 0 1 1 5	3/20/1994	Fields et al.	364	401	2/5/1993
	A.C	5 3 9 0 2 8 1	2/14/1995	Luciw et al.	395	12	5/27/1992
	A.D	5 4 7 3 7 3 2	12/5/1995	Chang	395	77	2/7/1995
	A.E	5 6 2 1 8 1 2	4/15/1997	Deaton et al.	382	100	5/17/1993
	A.F	5 6 9 6 9 6 5	12/9/1997	Dedrick	395	610	11/3/1994
	A.G	5 7 2 4 4 8 8	3/3/1998	Prezioso	395	61	8/30/1996
	A.H	5 7 2 4 5 2 1	3/3/1998	Dedrick	395	226	11/3/1994
	A.I	5 9 7 4 4 2 2	10/26/1999	Kagami et al.	707	104	10/24/1997
	A.J	6 3 2 1 2 1 0	11/20/2001	O'Brien et al.	705	14	9/12/2000
	A.K						

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L	WO 97/30004	31.12.1997	World	G07F	7/00	Yes
	A.M						
	A.N						
	A.O						
	A.P						
	A.Q						

RECEIVED

SEP 30 2003

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

GROUP 3600

	A.R	
	A.S	
	A.T	

EXAMINER

DATE CONSIDERED

6/24/04

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.